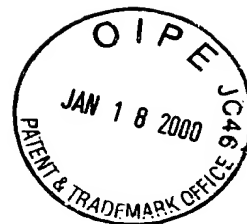


SEQUENCE LISTING



*attachment
w/AY*

<110> Brenneman, Douglas E.
Spong, Catherine Y.
Gozes, Illana
Bassan, Merav
Zamostiano, Rachel
The Government of the United States of America
as represented by the Secretary of the
Department of Health and Human Services
Ramot University Authority for Applied Research
and Industrial Development, Ltd.

<120> Prevention of Fetal Alcohol Syndrome and Neuronal Cell
Death With ADNF Polypeptides

<130> 015280-377000US

<140> 09/267,511
<141> 1999-03-12

<160> 26

<170> PatentIn Ver. 2.1

<210> 1
<211> 9
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:activity
dependent neurotrophic factor I (ADNF I) active
site

<400> 1
Ser Ala Leu Leu Arg Ser Ile Pro Ala
1 5

<210> 2
<211> 8
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:activity
dependent neurotrophic factor III (ADNF III)
active site

<400> 2
Asn Ala Pro Val Ser Ile Pro Gln
1 5

<210> 3
<211> 89
<212> PRT
<213> Artificial Sequence

Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 20 25 30
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Asn Ala Pro Val Ser Ile Pro Gln
 35 40 45
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 50 55 60
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 65 70 75 80
 Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
 85

<210> 5
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:1-R or 2-R in
 ADNF I polypeptide formula

<400> 5
 Val Leu Gly Gly Gly
 1 5

<210> 6
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:1-R in ADNF I
 polypeptide formula

<400> 6
 Val Glu Glu Gly Ile Val Leu Gly Gly Gly
 1 5 10

<210> 7
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:3-R or 4-R in
 ADNF III polypeptide formula

<400> 7
 Leu Gly Leu Gly Gly
 1 5

<210> 8
<211> 7
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:3-R in ADNF
III polypeptide formula

<400> 8
Ser Val Arg Gly Leu Gly Gly
1 5

<210> 9
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:2-R in ADNF I
polypeptide formula

<400> 9
Val Leu Gly Gly
1

<210> 10
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:2-R in ADNF I
polypeptide formula

<400> 10
Val Leu Gly Gly Val
1 5

<210> 11
<211> 5
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:2-R in ADNF I
polypeptide formula

<400> 11
Gly Val Leu Gly Gly
1 5

<210> 12
<211> 4
<212> PRT
<213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:4-R in ADNF III
 polypeptide formula

<400> 12
 Leu Gly Leu Gly
 1

<210> 13
 <211> 5
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:4-R in ADNF III
 polypeptide formula

<400> 13
 Leu Gly Leu Gly Leu
 1 5

<210> 14
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:ADNF I
 polypeptide

<400> 14
 Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala Val Leu
 1 5 10 15

Gly Gly Gly

<210> 15
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:ADNF I
 polypeptide

<400> 15
 Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala Val Leu
 1 5 10 15

Gly Gly

<210> 16
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF I
polypeptide

<400> 16

Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala Val Leu
1 5 10 15

Gly Gly Val

<210> 17

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF I
polypeptide

<400> 17

Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala Gly Val
1 5 10 15

Leu Gly Gly

<210> 18

<211> 18

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF III
polypeptide

<400> 18

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
1 5 10 15

Gly Gly

<210> 19

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF III
polypeptide

<400> 19

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
1 5 10 15

Gly

<210> 20
 <211> 18
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:ADNF III
 polypeptide

<400> 20
 Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Leu Gly Leu
 1 5 10 15

Gly Leu

<210> 21
 <211> 14
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:ADNF I
 polypeptide

<400> 21
 Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser Ile Pro Ala
 1 5 10

<210> 22
 <211> 19
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:ADNF I
 polypeptide

<400> 22
 Val Glu Glu Gly Ile Val Leu Gly Gly Gly Ser Ala Leu Leu Arg Ser
 1 5 10 15

Ile Pro Ala

<210> 23
 <211> 10
 <212> PRT
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence:ADNF III
 polypeptide

<400> 23
 Gly Gly Asn Ala Pro Val Ser Ile Pro Gln
 1 5 10

<210> 24
 <211> 13
 <212> PRT
 <213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF III
 polypeptide

<400> 24

Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Gln Ser
 1 5 10

<210> 25

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF III
 polypeptide

<400> 25

Leu Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Gln Ser
 1 5 10 15

<210> 26

<211> 17

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:ADNF III
 polypeptide

<400> 26

Ser Val Arg Gly Leu Gly Gly Asn Ala Pro Val Ser Ile Pro Gln Gln
 1 5 10 15

Ser